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RADIOLOGICAL MONITORING: CONCEPTS AND SYSTEMS

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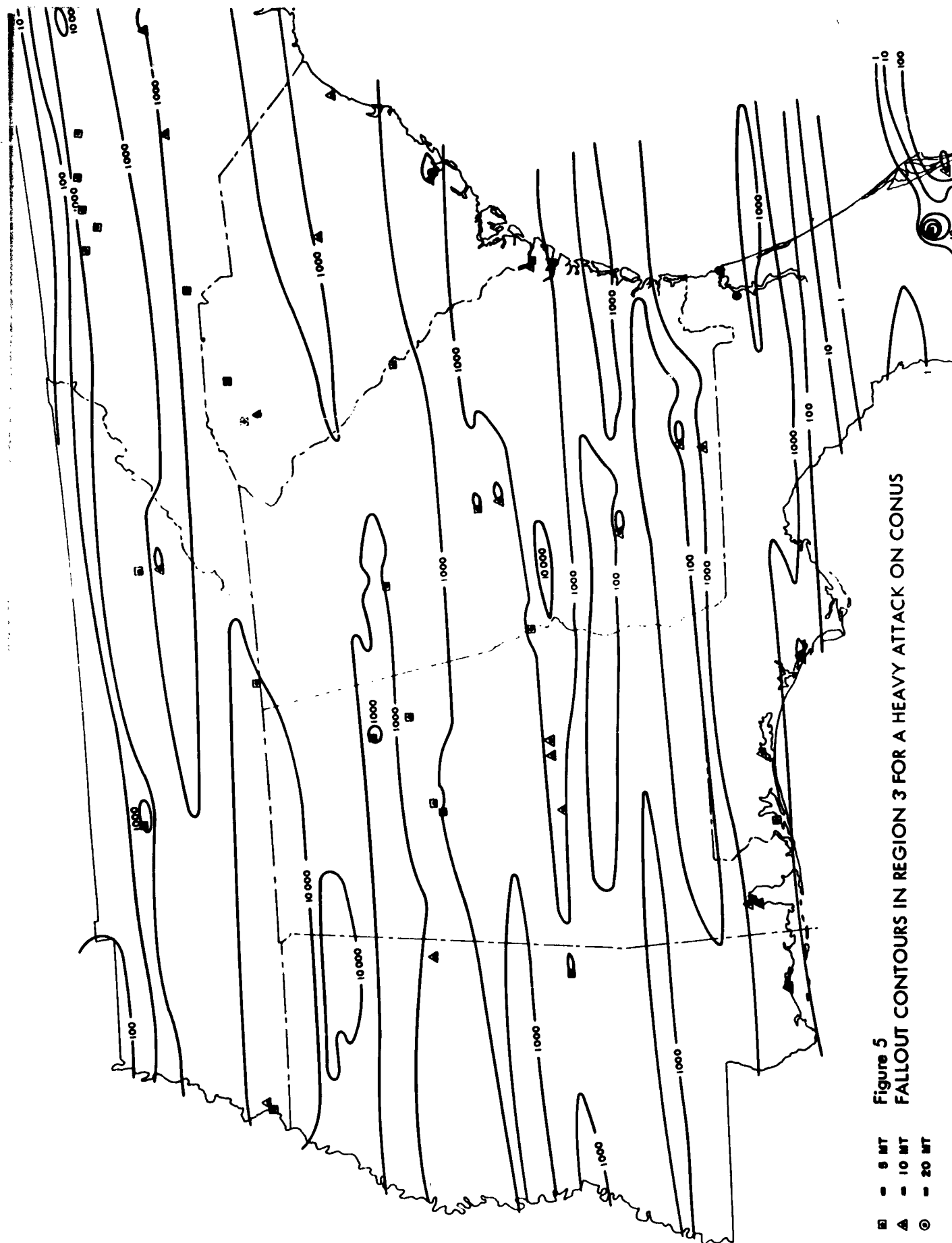


Figure 5
FALLOUT CONTOURS IN REGION 3 FOR A HEAVY ATTACK ON CONUS

Figure 7
TIME-INTENSITY RECORDS FOR SINGLE AND MULTIPLE FALLOUT EVENTS

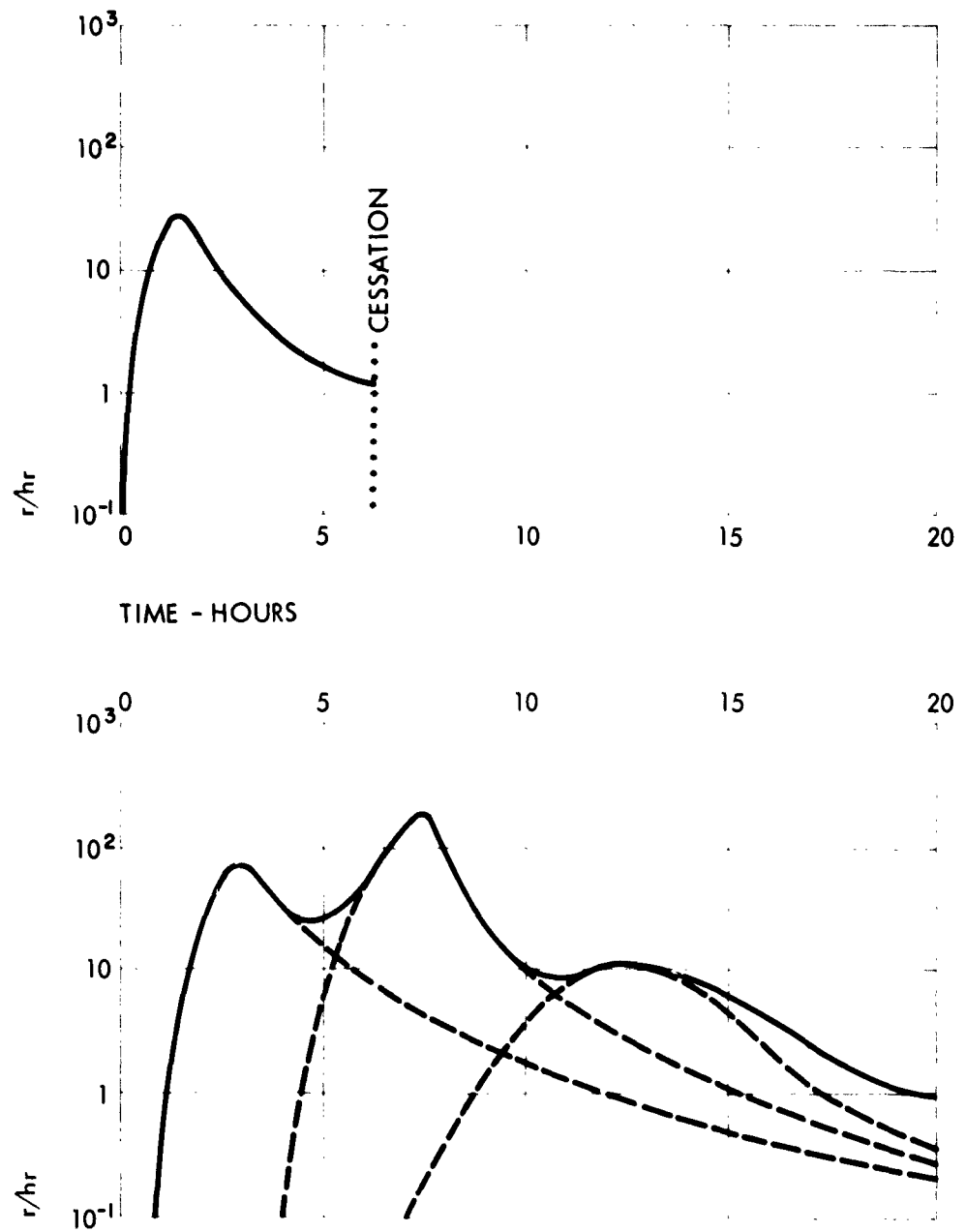


Figure 10
RELATIONSHIP OF DOSE TO DOSE RATE WITH TIME

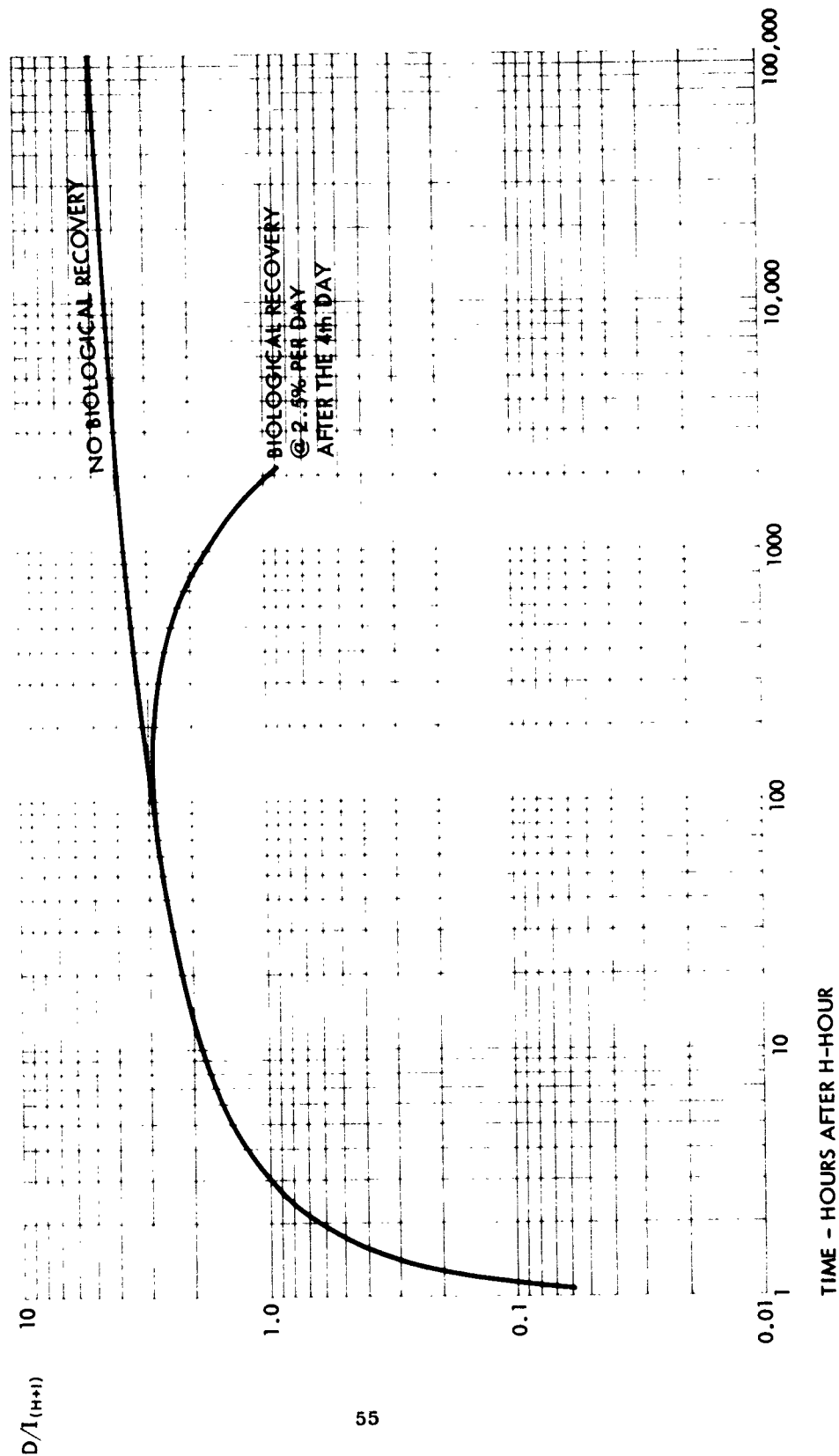


Figure 11
AREAS ENCLOSED BY ISOINTENSITY CONTOURS IN FALLOUT PATTERNS FROM SINGLE WEAPONS

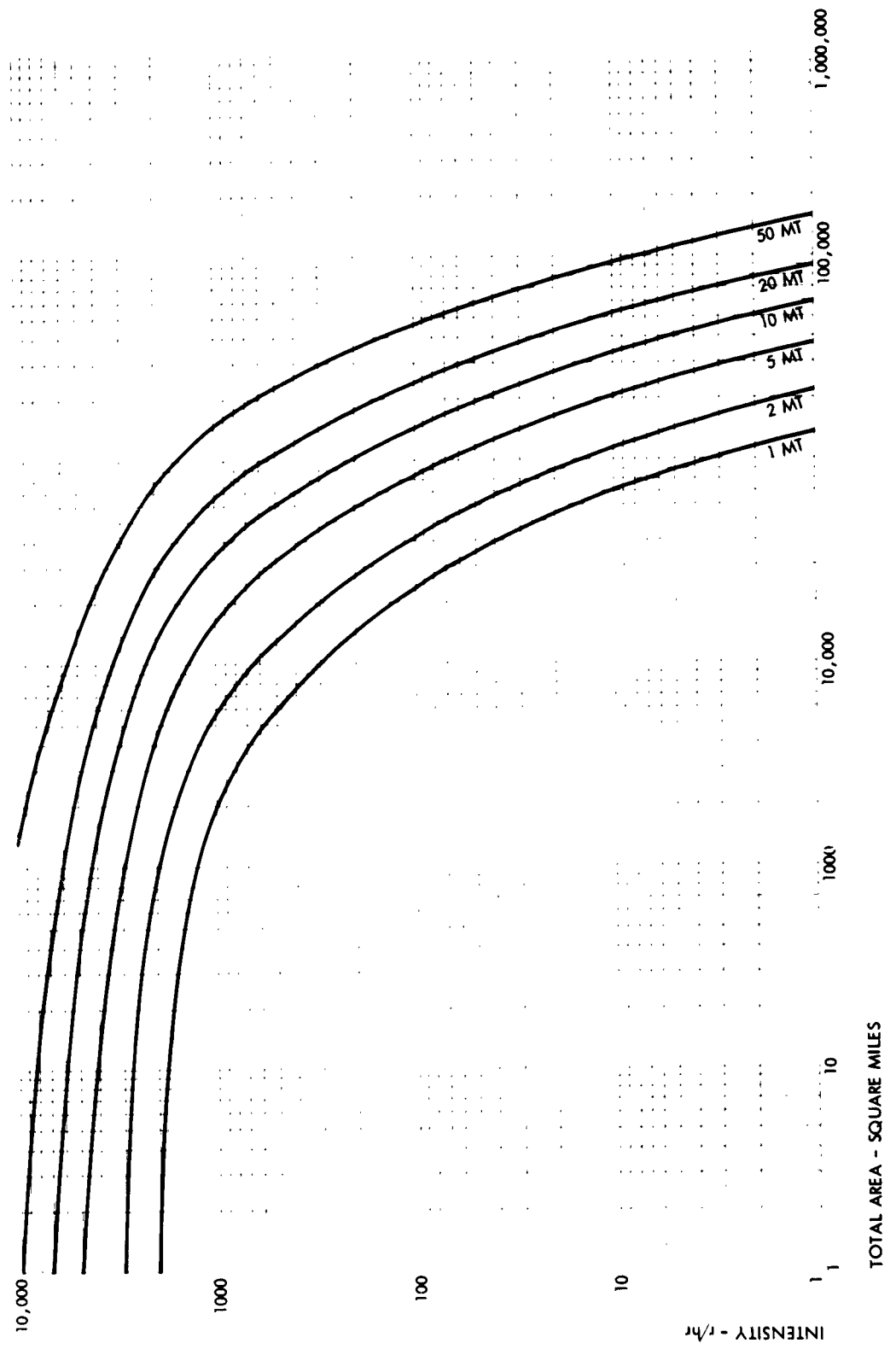


Figure 25
FALLOUT ARRIVAL AND TIMES FOR MAXIMUM BUILD-UP RATES
AT DOWNWIND POINTS ALONG THE HOT LINE

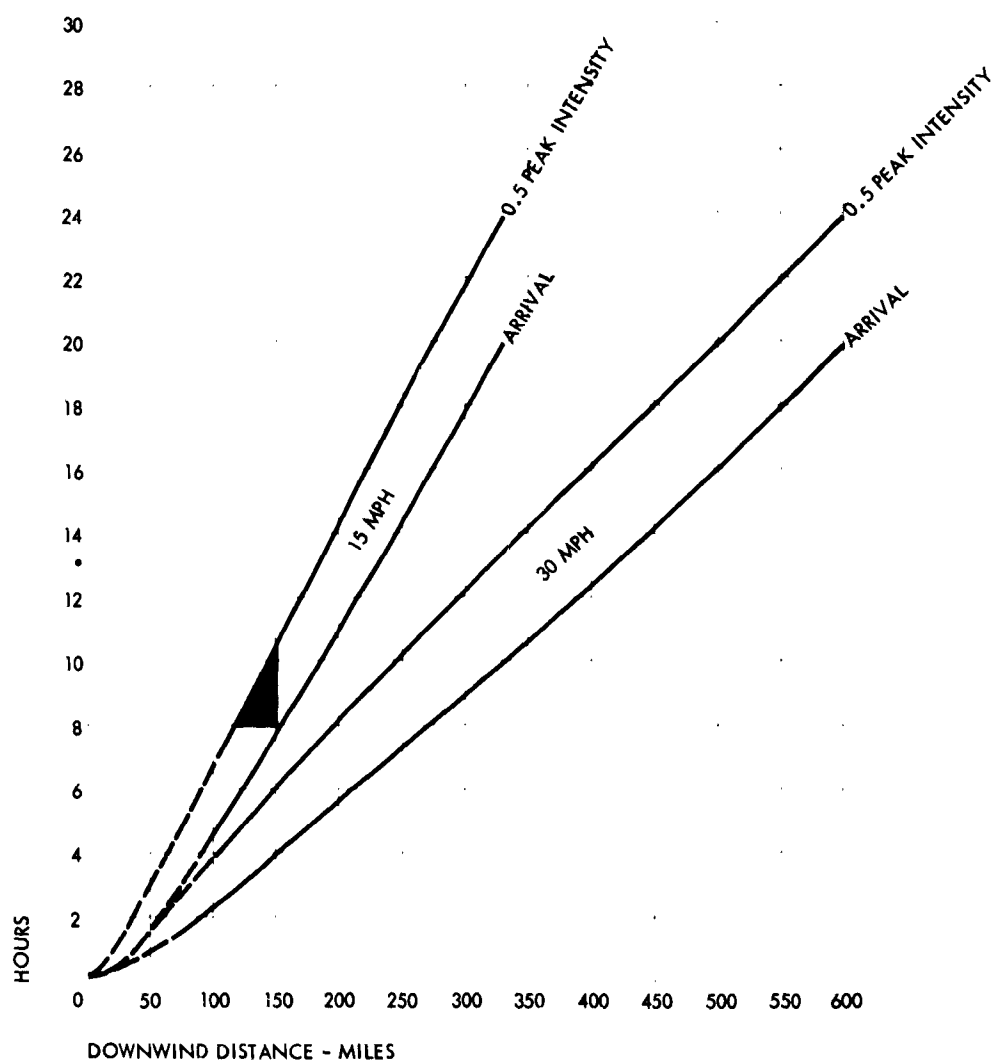


Table XLI

DOWNWIND DISTANCE OF STANDARD INTENSITY CONTOURS
AS A FUNCTION OF TIME^a
(MILES)

Yield	Intensity (r/hr)	Distance at Times of:					
		H+1	H+7	H+14	H+21	H+35	H+49
1 MT	1	450	320	300	270	240	200
	10	320	200	170	150	100	70
	100	200	70	50	--	--	--
	1,000	70	--	--	--	--	--
2 MT	1	560	420	410	350	315	270
	10	420	270	230	200	160	110
	100	270	110	90	80	--	--
	1,000	110	--	--	--	--	--
5 MT	1	760	560	510	430	430	370
	10	560	370	330	300	250	180
	100	370	180	150	100	--	--
	1,000	180	--	--	--	--	--
10 MT	1	960	730	670	610	560	500
	10	730	500	440	390	340	270
	100	500	270	170	120	--	--
	1,000	270	--	--	--	--	--
20 MT	1	1,200	920	850	790	720	640
	10	920	640	580	510	450	370
	100	640	370	200	150	100	--
	1,000	370	--	--	--	--	--
50 MT	1	1,620	1,270	1,160	1,140	1,000	910
	10	1,270	910	820	740	650	550
	100	910	550	460	300	250	200
	1,000	550	200	--	--	--	--

a. 30 mph winds.

Source: Stanford Research Institute.

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